## SKILLS

* Self-motivated, enthusiastic forward-thinker
* Develops effective relationships to foster collaboration between departments and build good client relationships
* Drives projects from concept to launch to meet deadlines and customer expectations

## SOFTWARE

* **LANGUAGES** | JavaScript, TypeScript, Java, C#, Swift, C++, SQL, NoSQL, HTML5, CSS3, GraphQL, MATLAB, R
* **TECHNOLOGIES** | React, Angular, jQuery, Dojo Toolkit, Node.js, Apollo GraphQL, GraphGL Shield, Express, ESLint, Webpack, Hibernate ORM, MongoDB, SQL Server, .NET, Git, Ant, Yarn, npm, Adobe Photoshop, IcoMoon
* **DEVELOPMENT PRACTICES** | Agile, Scrum, DevOps, CI/CD, TDD
* **SERVICES** | GitHub, Jira, Jenkins, SalesForce, SonarQube

## EXPERIENCE

### Senior Front-End & Full-Stack Developer | Jan. 2021 – Present

#### IBM UrbanCode (Velocity product)

* Transferred to our company's flagship product, Velocity, after solid performance on Deploy product.
* Acts as the senior front-end consultant to the project manager of Velocity product.
* Ensures the correct content, product assortments, and UI functionality is developed, tested, and validated against business expectations before commercial release.
* Solves complex design problems to maximize user experience and product efficiency.
* Identified and fixed various performance traps, resulting in web pages rendering up to 125x faster.
* Serves as client advocate and L3 support for international team to meet SLA that impacts millions in investments.

### Front-End Lead & Full-Stack Developer | May 2019 – Jan. 2021

#### HCL Launch, IBM UrbanCode (Deploy product)

* Manages the front-end development team responsible for producing, maintaining, and modifying front-end web code for two major DevOps software products.
* Responsible for final approval of code review processes; privileges to merge code into master branch for release.
* Reduced known UI defects in backlog by 90% in less than 10 months to improve customer confidence in product; conducted extensive UI/UX review to identify new opportunities for improvements.
* Redesigned core feature pages to remove legacy code, meet design guidelines, and ensure robustness of the UI.
* Led technical and UX design reviews.
* Introduced ESLint linter into our build steps to ensure style guidelines and code standards are met.

### Software Engineer Intern | May 2016 – Aug. 2018

#### Matrix Pointe Blank Solutions

* Developed an enterprise suite of web apps that streamlines the justice process by integrating law enforcement agencies, prosecutors, courts, and defense attorneys in 50+ counties across Ohio.
* Routinely performed full-stack feature development and system maintenance using C#, SQL, ASP.NET MVC, HTML5, CSS3, JavaScript, Typescript, jQuery, and KnockoutJS.
* Maintenanced server and client side rendering systems, code ownership paradigms, automated deployment systems, version control systems such as Git and Mercurial Hg, and mass integration/unit testing.

### Project Founder & Lead Engineer | Aug. 2018 – May 2019

#### CWRUded

* Designed and developed a data-driven web service (NodeJS, MongoDB, React) and iOS mobile app that computed and conveyed real-time “busyness” metrics for various locations around campus.
* Solution leveraged address resolution protocol (ARP) and Cisco Prime Infrastructure API that manages CWRU wireless network to expose and aggregate unique active clients connected to wireless access points throughout campus.
* Planned and led meetings with campus deans, network admins, and IT marketing team to deliver service to students.

### Project Manager & Lead Developer | Apr. 2015 – Feb. 2016

#### Lygent

* Served as project manager and lead developer of a novel vision screening tool (iStrab™) intended for the measurement of strabismus disorder in children. Project was submitted for FDA approval.
* Awarded $25,000 grant from the Innovation Fund to continue development of the iStrab™ diagnostic equipment.

### Project Manager & Front-End Lead | Aug. 2018 – Dec. 2018

#### Synchrony (Senior Project)

* Developed a synchronized streaming service that enhances user experience through shared playlist collaboration and discovery. Spotify implemented the same features within its own mobile app roughly one year later.
* Awarded academic honors in Spring of 2019 for best senior project of the year in the electrical engineering and computer science departments.

## EDUCATION

### Computer Science: Case Western Reserve University

#### Bachelor of Science (2019)

#### Focus in Software Engineering

* Graduated Cum Laude; 3.634 GPA